

Anti-CD82 antibody ab66400

★★★★★ [4 Abreviews](#) [9 References](#) [3 图像](#)

概述

产品名称	Anti-CD82抗体
描述	兔多克隆抗体to CD82
宿主	Rabbit
经测试应用	适用于: WB, IHC-P
种属反应性	与反应: Human 预测可用于: Mouse, Rat, Cow 
免疫原	Synthetic peptide corresponding to Human CD82 aa 250 to the C-terminus (C terminal) conjugated to keyhole limpet haemocyanin. (Peptide available as ab71584)
常规说明	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

性能

形式	Liquid
存放说明	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
存储溶液	pH: 7.40 Preservative: 0.02% Sodium azide Constituent: PBS
纯度	Batches of this product that have a concentration < 1mg/ml may have BSA added as a stabilising agent. If you would like information about the formulation of a specific lot, please contact our scientific support team who will be happy to help.
克隆	Immunogen affinity purified 多克隆

应用

The Abpromise guarantee **Abpromise™**承诺保证使用ab66400于以下的经测试应用

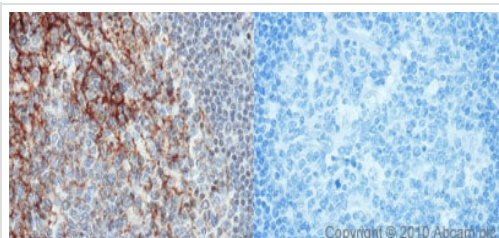
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
WB	★★★★★ (1)	Use a concentration of 1 µg/ml. Detects a band of approximately 34 kDa (predicted molecular weight: 30 kDa).
IHC-P	★★★★★ (2)	1/50 - 1/80. Perform heat mediated antigen retrieval before commencing with IHC staining protocol.

靶标

功能	Associates with CD4 or CD8 and delivers costimulatory signals for the TCR/CD3 pathway.
组织特异性	Lymphoid specific.
序列相似性	Belongs to the tetraspanin (TM4SF) family.
细胞定位	Membrane.

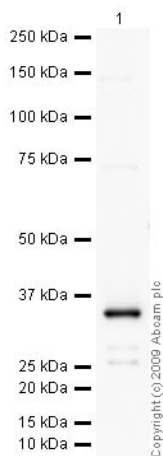
图片



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-CD82 antibody (ab66400)

ab66400 (1:80) staining CD82 in paraffin-embedded human tonsil tissue (left panel) using an automated system (Ventana Discovery). Right hand panel shows negative control (no primary antibody). Using this protocol there is strong membrane staining of follicular dendritic cells, and the FDC network forming the structure of germinal centres is clearly highlighted by this antibody. There is associated weak staining of smaller cells in the interfollicular areas which may be T cells.

Sections were rehydrated and antigen retrieved in CC1 Cell Conditioning Buffer using Ventana Standard Retrieval programme. Slides were blocked in 3% H₂O₂ / 4 min / 37°C and incubated with ab66400 (1:80 dilution / 1 hour / 37°C). Sections then blocked (4mins / 37°C) and incubated with Dako swine anti-rabbit antibody (1:50, 28 min / 37°C). Staining was amplified and detected by incubation with Ventana Streptavidin ABC system (16 min / 37°



Western blot - Anti-CD82 antibody (ab66400)

Anti-CD82 antibody (ab66400) at 1 µg/ml + Human brain tissue lysate - total protein ([ab29466](#)) at 10 µg

Secondary

Goat polyclonal to Rabbit IgG - H&L - Pre-Adsorbed (HRP) at 1/3000 dilution

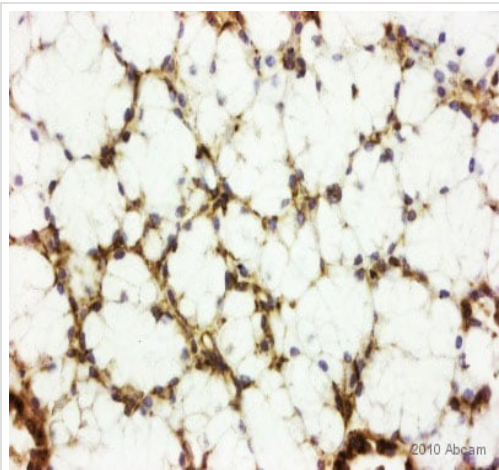
Performed under reducing conditions.

Predicted band size: 30 kDa

Observed band size: 34 kDa

Exposure time: 2 minutes

CD82 contains a number of potential glycosylation sites (SwissProt) which may explain its migration at a higher molecular weight than predicted.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-CD82 antibody (ab66400)

This image is courtesy of an abreview submitted by Antibody Solutions Ltd.

ab66400 (1/50) staining CD82 in paraffin-embedded Mouse salivary gland tissue. Tissue underwent fixation in formaldehyde, peroxidase blocking, protein blocking and heat mediated antigen retrieval. The secondary antibody was goat anti rabbit/mouse conjugated to HRP. For further experimental details please refer to abreview.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet

- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours

- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.cn/abpromise> or contact our technical team.

Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors